

### **ABSTRACT**

The invention relates to motors and motor assemblies that can be washed without causing corrosion of components, and without causing premature motor failure as a result of corrosion. The motor and motor assembly comprise components constructed from non-corroding stainless steel. The motor and motor assembly are constructed according to an unsealed design, in which washing fluid can enter the motor and the motor housing during washing. The washing fluid can drain away after washing is completed. The unsealed design permits heat generated during operation of the motor to drive off residual washing fluid. The motor and motor assembly can be readily cleaned, easily can be maintained in an corrosion-free state, and are not subject to premature failure from corrosion induced by trapped washing fluid.